



# DBS Thermomiser™ Storage Tank

**Available in 80 and 120 Gallon Models**  
**► 10-Year Limited Tank and Parts Warranty\***

- Tank Construction of type 316L Stainless Steel with tolerance for high temperatures. Superior resistance to corrosion.
  - High output 304 stainless steel submerged heat exchanger provides maximum efficiency to transfer the energy from the solar panels into hot water.
  - High output electric back up element, constructed of high grade stainless steel incoloy making it more resistant for longer life.
  - Environmentally safe CFC free water blown, extra thick foam insulation allows less than 1/2 degree F per hour heat loss, the best in the industry.
  - Outer shell constructed of silver finished durable plastic
  - for rust and impact resistance which prolongs tank life.
  - Easy to install and maintain
  - Factory supplied Temperature and Pressure Relief Valve
  - SRCC OG300 Certified-applies to Federal Tax Credit when connected to an AET Solar Collector.
  - Choice of 80 and 120 gallons; storage tank with single element water heater.
  - Heaters furnished with standard 240 volt AC, single phase non-simultaneous wiring and 4500 watt heating element
- \* See Residential Warranty Information Brochure for complete warranty information.

Description			Roughing in Dimensions (Shown in inches)		
Gal. Cap.	Model Number	Element Wattage Upper	Height	Diameter	Approx. ship weight (lbs)
80	TMSS-80	4500W	70.00	23.23	146
120	TMSS-120	4500W	74.00	27.23	215

### Stainless Steel Coil Data

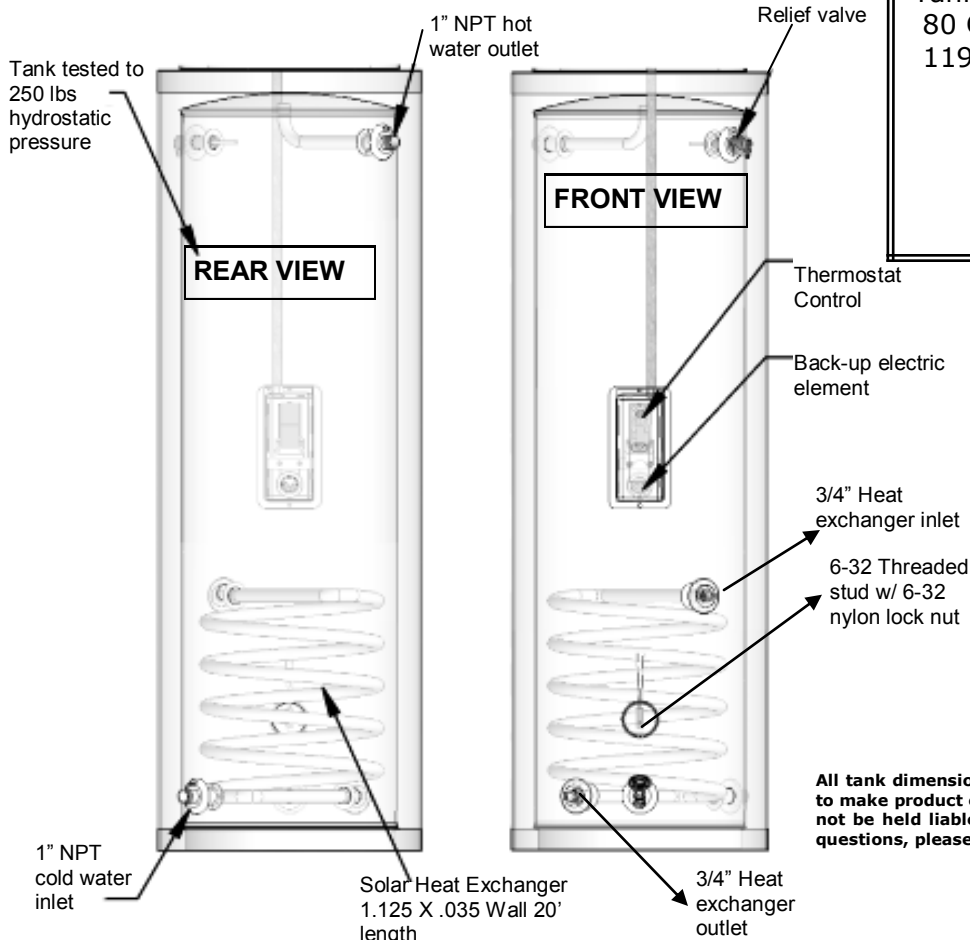
Maximum Pressure 150 PSI  
 Maximum Temperature 210° F

### All tanks use the same heat exchanger, 1" ID:

Pressure drop at 1 GPM = 0.5'  
 Pressure drop at 2 GPM = 0.8'  
 Pressure drop at 3 GPM = 1.5'  
 Pressure drop at 4 GPM = 2.8'

Tank Size	Coil Capacity	Coil Length
80 Gallon	1.2 gallons	20'
119 Gallon	1.2 gallons	20'

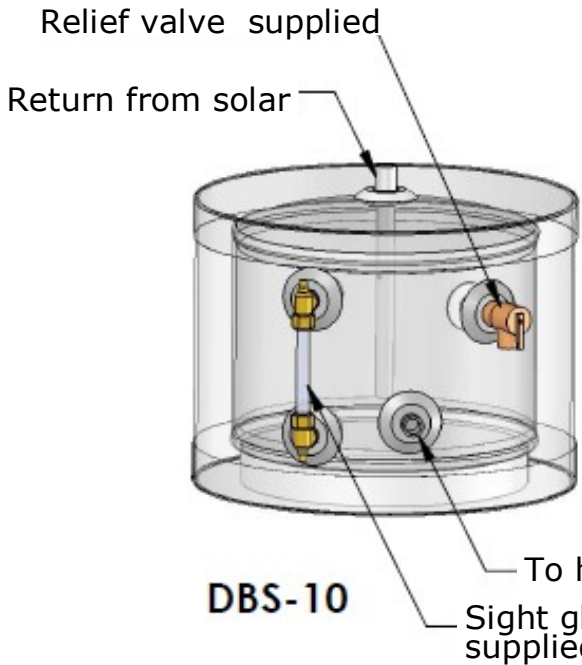
Heat Exchanger inlet and outlet 3/4" MPT  
 Tank inlet and outlet 1" MPT



All tank dimensions are approximate. AET reserves the right to make product changes or updates without notice. AET will not be held liable for typographical errors in literature. For questions, please consult the factory.

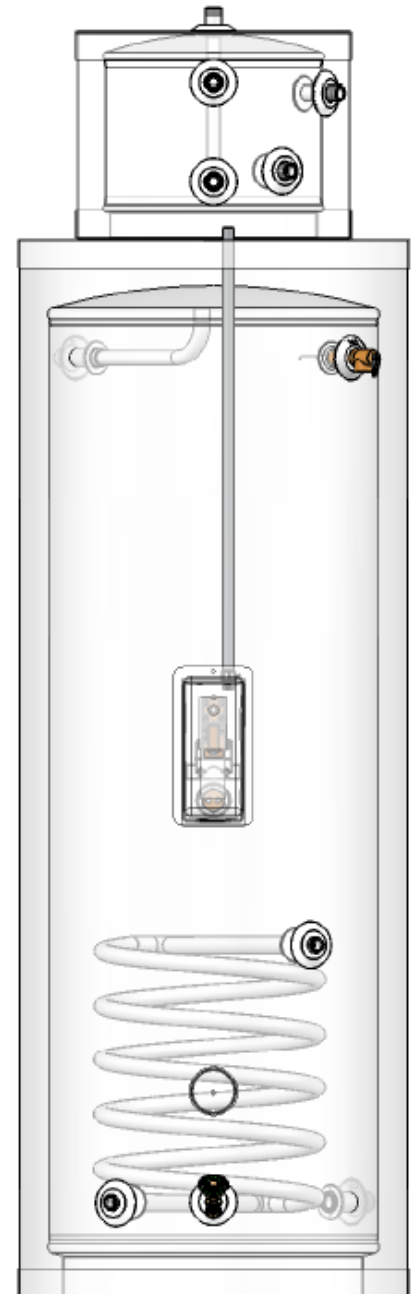


# **DBS-10 Thermomiser™** **Drainback Reservoir**

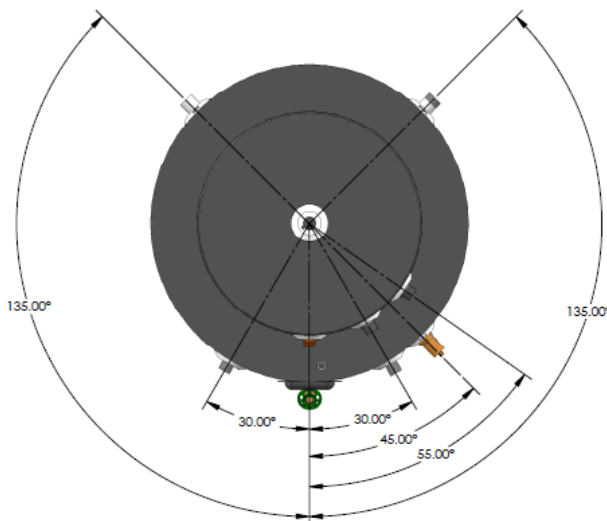


### Reservoir Features

- Non corrosive vinyl jacket will not dent
- Reservoir constructed of durable 304 stainless steel
- Lightweight construction
- Maintenance free operation
- Sight glass to monitor water levels
- Internal dip tube



Model#	Diameter	Height	Unit Weight	Unit Volume	Useable Gal.
DBS-10	19"	14.5"	38.5lbs	9.36 gal	7.128 gal



**80 and 120 gallon overhead view of tank and Drainback reservoir**